

**Notice of Allowability**

Application No.

10/748,729

Applicant(s)

KIKO, FREDERICK J.

Examiner

Art Unit

BINH K. TIEU

2614

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/05/2005.
2. ☒ The allowed claim(s) is/are 18-24,26-39 and 41-48.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 10/05/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

## DETAILED ACTION

### *Allowable Subject Matter*

1. Claims 18-24, 26-39 and 41-48 are allowed.

2. The following is an examiner's statement of reasons for allowance:

The Applicant's arguments in the remarks filed on 06/20/2005 in response to the prior art rejections in the Office Action Mailed on 08/13/2004 was carefully reviewed.

The update search results, there are several newfound references which teaches some features related to the all pending independent claims. Such references are as followings:

Snow et al. (US. Pat. #: 6,418,221), teaches multiple filtering stages for a digital subscriber line system for voice communication over a telephone link

Bingel et al. (US. Pat. #: 6,744,883) teaches a filter system comprising first filter stage through fourth filter stage, as shown in figure 8.

It is noted that both Snow et al. and Bingel et al. references, in combination with previous cited references or alone, also fail to teach the features as argued by the applicant in his remarks stated from page 12 through page 14 in the response, filed on 06/20/2004, as mentioned above.

Said the remarks are briefed and repeated as the statement of reasons for allowance as followings:

A/. None of the prior art of record teaches the fourth filter stage being adapted to reduce return loss in combination with the feature of a capacitor and switch disposed in series with at

least one another in the second filter stage, as substantially described and connected to independent claim 17; and

B/. None of the prior art of record teaches limitations relating to the recited suppression circuit being adapted to suppress voltage transients occurring within the filter circuit as the result of actuation of said switch during at least one of an on-hook to off-hook, or off-hook to on-hook, transient, as substantially described and connected to independent claims 29, 36, 39, 41 and 47.

Therefore, claims 18-24, 26-39 and 41-48 are allowed, with the same reasons set forth in the Applicant's remarks.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Binh K. Tieu whose telephone number is (571) 272-7510 and E-mail address: [BINH.TIEU@USPTO.GOV](mailto:BINH.TIEU@USPTO.GOV).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mr. Curtis Kuntz, can be reached on (571) 272-7499 and **IF PAPER HAS BEEN MISSED FROM THIS OFFICIAL ACTION PACKAGE, PLEASE CALL CUSTOMER SERVICE FOR THE SUBSTITUTIONS OR COPIES.**

Any response to this action should be mailed to:

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Washington, D.C. 20231

Or faxed to:

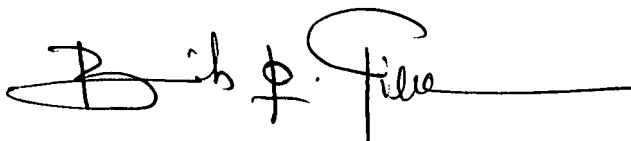
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Art Unit: 2614

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A handwritten signature in black ink, appearing to read "Binh Tieu", with a long horizontal line extending to the right.

BINH TIEU  
PRIMARY EXAMINER

Technology Division 2614

Date: January 19, 2007